

Title (en)
STRUCTURAL COMPONENT, IN PARTICULAR A SHIELD

Title (de)
STRUKTURBAUTEIL, INSBESONDERE ABSCHIRMTEIL

Title (fr)
ELEMENT CONSTITUTIF STRUCTURAL, NOTAMMENT ELEMENT DE PROTECTION

Publication
EP 1838555 B1 20100922 (DE)

Application
EP 05823029 A 20051222

Priority
• EP 2005013881 W 20051222
• DE 102005003126 A 20050121

Abstract (en)
[origin: US7418817B2] A structural component, especially a shielding part, has structural parts configured at least in part differently in terms of their superficial extension and/or the direction in which they extend. At least one structural part of a first type (10) is provided. Structural parts of a second type (34) are formed from the structural part of the first type (10) such that hollow section-like receiving channels (36) which are curved in at least two directions are molded into the structural part of the first type (10). The receiving channels (36) in one direction of curvature follow the curvature of the structural part of the first type (10). Thermal components, such as, for example, the curved exhaust lines of the exhaust system, can be accommodated in an integrating manner. Effective thermal shielding and noise insulation is ensured by overlapping.

IPC 8 full level
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CPC (source: EP KR US)
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